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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/609,585	06/30/2000	William F. Diede	Bell-21APP	2757

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EXAMINER

ANWAH, OLISA

ART UNIT	PAPER NUMBER
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2645

DATE MAILED: 11/26/2002

8

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/609,585

Applicant(s)

DIEDE ET AL. 

Examiner

Olisa Anwah

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 1-2 are rejected under 35 U.S.C. § 102(e) as being anticipated by Furman et al, U.S. Patent No. 6018568 (hereinafter Furman).

Regarding claim 1, Furman discloses a voice dialing system for use with the Internet, the system comprising:

a data storage device for storing voice dialing subscriber records (204);

a first computer system (101) coupling a voice dialing subscriber to the Internet, a second computer system (102) coupled to the Internet, the second computer system including

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means for updating a voice dialing information received from the subscriber via the Internet (col. 3, lines 32-40).

Furman discloses a telephone station (104) and all telephone used in making phone calls are coupled to a telephone switch. Therefore Furman teaches the claimed telephone switch.

Furman also teaches means for generating a telephone number corresponding to speech coupled to the telephone switch, the second computer system, and the data storage device (col. 2, lines 20-30).

Furman's voice dialing device reads on the claimed second computer because the voice dialing device is functionally equivalent to the second computer. Like the claimed second computer, the voice dialing device is coupled to the internet and voice dialing device includes means for updating a voice dialing subscriber record in response to voice dialing information received from the subscriber via the internet (see col. 3, lines 32-40).

Regarding claim 2, see col. 2, lines 20-30 and col. 3, lines 32-60.

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3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 3-8 and 16-19 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Furman in view of McAllister et al, U.S. Patent No. 5991364 (hereinafter McAllister).

Regarding claim 3, Furman discloses means generating a speech recognition model from the name of the party included in the received text information (col. 4, lines 8-17). Furman does not disclose the generated speech recognition model is a speaker independent model. "Official Notice" is taken that generating a speaker independent speech recognition model is both old and well known in the art, therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with generating a speaker independent speech recognition model. This modification allows stored text names to be matched with voiced names regardless of the speaker as suggested by McAllister (columns 3-6).

Regarding claim 4, see 102.

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Regarding claim 8, see col. 4, lines 8-17.

Regarding claim 16, Furman discloses a method of implementing voice dialer, comprising:

receiving first text corresponding to a first name via the Internet (col. 3, lines 32-60);

generating a first speech recognition model from said first text and storing the first speech recognition model in a storage device (col. 4, lines 8-17);

associating, in the storage device, a first telephone number with the first speech recognition model (col. 4, lines 32-50).

Furman does not disclose the generated speech recognition model is a speaker independent model. "Official Notice" is taken that generating a speaker independent speech recognition model is both old and well known in the art, therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with generating a speaker independent speech recognition model. This modification allows stored text names to be matched with voiced names regardless of the speaker as suggested by McAllister (columns 3-6).

Regarding claims 17-19, see col. 3, lines 32-40 and col. 4, lines 8-17.

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Regarding claim 5, Furman does not disclose an integrated service control point for storing voice dialing subscriber information, the integrated service control point including call processing records, the call processing record of a voice dialing service indicating the peripheral device where the subscriber's voice dialing record is stored. However McAllister discloses a voice dialing system including an integrated service control point for storing voice dialing subscriber information, the integrated service control point including call processing records, the call processing record of a voice dialing service subscriber indicating the peripheral device where the subscriber's voice dialing record is stored (column 9).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with the integrated service control point as taught by McAllister. This modification allows for all control logic and feature data to be located at a centralized node in the network as suggested by McAllister (col. 7, lines 17-18).

Regarding claim 6, see McAllister, col. 9, lines 15-20.

Regarding claim 7, see McAllister, col. 9, lines 60-65.

5. Claims 9-14 and 20-39 are rejected under 35 U.S.C § 103(a) as being unpatentable over Furman in view of Beswick et al, U.S.

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Patent No. 6462616 (hereinafter Beswick) in further view of McAllister.

Regarding claim 9, Furman does not disclose the subscriber record includes a plurality of telephone numbers associated with a name of a party or individual, a telephone number identifier being associated with each one of said plurality of telephone numbers. However Beswick discloses a subscriber record includes a plurality of telephone numbers associated with a name of a party or individual, a telephone number identifier (Company) being associated with each of said plurality of telephone numbers (see Figure 7). Therefore it would have been obvious for one of ordinary skill in the art at the time the invention was made to modify Furman wherein the subscriber record includes a plurality of telephone numbers associated with a name of a party or individual, a telephone number identifier being associated with each one of said plurality of telephone number as taught by Beswick. This modification allows for a subscriber record to store both an ordinary telephone number and a mobile telephone number for a single entry.

Regarding claim 10, see Beswick, Figure 8.

Regarding claim 11, see Beswick, 506.

Regarding claim 12, see Furman, col. 2, lines 60-67.

Regarding claim 13, see Beswick, col. 7, lines 46-52.

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Regarding claim 14, see Furman, 102.

Regarding claim 20, Furman does not disclose generating a second speaker independent speech recognition model from second text corresponding to a second name, the second name being a nick-name of a party or individual identified by the first name and storing the second speaker independent speech recognition model in the storage device, the second speaker independent speech recognition model being associated with the first telephone number.

However Beswick discloses generating a second speech recognition model from second text corresponding to a second name, the second name being a nick-name of a party or individual identified by the first name and storing the second speech recognition model in the storage device, the second speech recognition model being associated with the first telephone number (see Figure 8, 814).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with generating a second speech recognition model from second text corresponding to a second name, the second name being a nick-name of a party or individual identified by the first name and storing the second speech recognition model in the storage device, the second speech recognition model being

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associated with the first telephone number as taught by Beswick. This modification allows a user to associated a telephone name and number with an alias.

Furman combined with Beswick does not disclose the generated speech recognition model is a speaker independent model. "Official Notice" is taken that generating a speaker independent speech recognition model is both old and well known in the art, therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with generating a speaker independent speech recognition model. This modification allows stored text names to be matched with voiced names regardless of the speaker as suggested by McAllister (columns 3-6).


Regarding claim 21, see Beswick, col. 7, lines 46-52.

Regarding claim 22, see Beswick, Figure 7. Beswick's company reads on the claimed text telephone number identifier.

Regarding claims 23 and 24, see Beswick, col. 2, lines 15-25.

Regarding claim 25, see Beswick, col. 2, lines 15-25 and col. 5, lines 1-10.

Regarding claim 26, see Beswick, col. 5, lines 1-10 and Figures 7 and 8.



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Regarding claim 27, see Furman col. 2, lines 60-65 and col. 3, lines 35-40.

Regarding claim 28, Furman combined with Beswick teaches a personal identification number (see Furman, col. 2, lines 60-65). Furman combined with Beswick does not teach the personal identification number is a telephone number associated with the user of the computer system. "Official Notice" is taken that using a telephone number associated with the user of the computer system as a personal identification number is both well known and old in the art. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify Furman combined with Beswick wherein the personal identification number is a telephone number associated with the user of the computer system. This modification allows the user of the computer system to use easy to remember digits as a personal identification number.

Regarding claim 29, see Beswick, Figure 7.

Regarding claim 30, see Beswick, col. 6, line 58 to col. 7, line 3 and column 7, lines 46 to 52. Also see Furman, col. 2, lines 20-30. Furman combined with Beswick does not disclose the intelligent peripheral performs speaker independent speech recognition. "Official Notice" is taken that performing speaker independent speech recognition is both old and well known in the

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art. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify Furman combined with Beswick wherein the intelligent peripheral performs speaker independent speech recognition. This modification allows for stored text names to be matched with voice names regardless of the speaker as suggested by McAllister (columns 3-6).

Regarding claim 31, Furman discloses a digital data storage media, comprising:

a first voice dialing record corresponding to a first voice dialing service subscriber, the first voice dialing record including a first subscriber identifier associated with a voice dialing service subscriber (col. 2, lines 60-67), a first calling entry, the first calling entry including first text corresponding to a first name (col. 3, lines 32-60), a first speech recognition model for recognizing speech corresponding to said first name (col. 4, lines 8-17); a first telephone number associated with said first name (col. 4, lines 32-50).

Furman does not disclose the generated speech recognition model is a speaker independent model. "Official Notice" is taken that generating a speaker independent speech recognition model is both old and well known in the art, therefore it would have been obvious to one of ordinary skill in the art at the time the

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invention was made to modify Furman with generating a speaker independent speech recognition model. This modification allows stored text names to be matched with voiced names regardless of the speaker as suggested by McAllister (columns 3-6).

Furman does not disclose a first telephone number identifier associated with the first telephone number. However Beswick discloses a first telephone number identifier associated with a first telephone number (see Company, Figure 7). Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with a first telephone number identifier associated the first telephone number as taught by Beswick. This modification allows a user to store a company name along with an entry as suggested by Beswick (col. 2, line 21).

Regarding claim 32, see Beswick, col. 2, lines 15-25.

Regarding claim 33, Beswick discloses a first nick-name associated with the first and second telephone numbers (see Figure 8). Beswick also discloses a speech recognition model for recognizing speech corresponding to the first nick-name (col. 7, lines 46-52). Beswick does not disclose the speech recognition model is a speaker independent speech recognition model.

"Official Notice" is taken that generating a speaker independent speech recognition model is both old and well known in the art,

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therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Furman with generating a speaker independent speech recognition model. This modification allows stored text names to be matched with voiced names regardless of the speaker as suggested by McAllister (columns 3-6).

Regarding claim 34, Beswick discloses the first and second telephone number identifiers are names of locations (col. 2, lines 15-25). Furman discloses a first subscriber identifier (col. 2, lines 60-67). Furman does not disclose the first subscriber identifier is a telephone number associated with the first subscriber. "Official Notice" is taken that using a telephone number associated with the first subscriber as a personal identification number is both well known and old in the art. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify Furman combined with Beswick wherein the personal identification number is a telephone number associated with the first subscriber. This modification allows the first subscriber to use easy to remember digits as a personal identification number.

Claims 35 and 36 are rejected for the same reasons as claim 31.

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Regarding claim 37, see Beswick, Figure 7.

Regarding claims 38 and 39, see Beswick, Figure 7.

6. Claim 15 is rejected under 35 U.S.C § 103(a) as being unpatentable over Furman in view of Beswick in further view of McAllister.

Regarding claim 15, Furman combined with Beswick does not disclose an integrated service control point coupled to the telephone switch, the integrated service control point including a voice dialing service subscriber call processing record, the call processing record including information identifying said intelligent peripheral device which includes the subscriber's voice dialing record. However McAllister discloses an integrated service control point coupled to the telephone switch, the integrated service control point including a voice dialing service subscriber call processing record, the call processing record including information identifying said intelligent peripheral device which includes the subscriber's voice dialing record (column 9). Therefore it would have been obvious to one of ordinary skill in the art to further modify Furman combined with Beswick. This modification allows for all control logic and feature data to be located at a centralized node in the network as suggested by McAllister (col. 7, lines 17-18).

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olisa Anwah whose telephone number is 703-305-4814. The examiner can normally be reached on Monday to Friday from 8.30 AM to 6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 703-305-4895. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

O.A.

Olisa Anwah
Patent Examiner
November 1, 2002

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